

## AMENDMENT / RESPONSE TRANSMITTAL

Applicant : Scherf et al.  
App. No. : 10/087,013  
Filed : February 21, 2002  
For : IDENTIFICATION OF THE  
DOMAIN OF PLASMODIUM  
FALCIPARUM ERYTHROCYTE  
MEMBRANE PROTEIN 1  
(PFEMP1) THAT MEDIATES  
ADHESION TO CHONDROITIN  
SULFATE A  
Examiner : Lucas, Zachariah  
Art Unit : 1648

## CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

February 10, 2004

(Date)

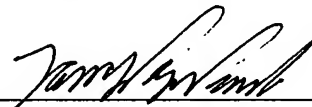
  
Nancy W. Vensko, Reg. No. 36,298

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing in the above-identified application are the following enclosures:

- (X) Associate Power of Attorney.
- (X) Power of Attorney by Assignee Under 37 C.F.R. § 3.73(b) and Exclusion of Inventor under 37 C.F.R. § 3.71.
- (X) Change of Correspondence Address.
- (X) Return prepaid postcard.
- (X) Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

  
Nancy W. Vensko  
Registration No. 36,298  
Attorney of Record  
Customer No. 20,995  
(805) 547-5580

NIH176.001C1

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of Scherf et al.

Serial No. : 10/087,013  
Filed : February 21, 2002  
Title : IDENTIFICATION OF THE DOMAIN OF  
PLASMODIUM FALCIPARUM  
ERYTHROCYTE MEMBRANE  
PROTEIN 1 (PFEMP1) THAT  
MEDIATES ADHESION TO  
CHONDROITIN SULFATE A  
Art Unit : 1648  
Examiner : Lucas, Zachariah

**POWER OF ATTORNEY BY ASSIGNEE UNDER 37 C.F.R. § 3.73(b)**  
**AND**  
**EXCLUSION OF INVENTOR UNDER 37 C.F.R. § 3.71**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir or Madam:

The United States Department of Health and Human Services is assignee of an entire right, title and interest in and to the above-identified application, as shown by the assignment recorded on June 23, 2003, at Reel 014194, Frame 0286, in the patent assignment records of the U.S. Patent and Trademark Office. This recorded Assignment has been reviewed by the undersigned, who certifies that, to the best of his or her knowledge and belief, title is in the assignee.

Said assignee hereby revokes any previous Powers of Attorney in the subject application and appoints the registrants of National Institutes of Health Offices of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852, telephone (301) 496-7056, **Customer No. 005318** as its attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

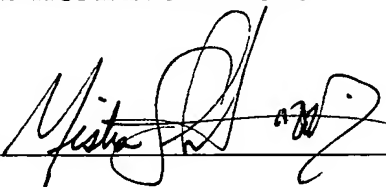
Serial No. : 10/087,013  
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Said appointment is to the exclusion of the inventor(s) and their attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

The National Institutes of Health Office of Technology Transfer has been duly delegated responsibility for such patent matters under the authority of the Department of Health and Human Services Secretary Louis W. Sullivan's May 21, 1991 memorandum appearing in the Friday, June 7, 1991 Federal Register Notices at Vol. 56, No. 110, pp. 26418-26419. The undersigned is authorized to exercise such authority in this matter.

Done on this 30 day of January, 2 004, at Rockville, Maryland.

UNITED STATES DEPARTMENT OF HEALTH  
AND HUMAN SERVICES

By: 

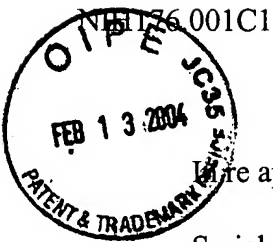
Printed Name: Michael Samilovskiy

Registration No.: 45,634

for:  
Office of Technology Transfer  
National Institutes of Health  
6011 Executive Boulevard, Suite 325  
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Facsimile (301) 402-0220

DHHS CASE NO. E-203-1999/1

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of Scherf et al.

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CHONDROITIN SULFATE A  
Art Unit : 1648  
Examiner : Lucas, Zachariah

ASSOCIATE POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir or Madam:

The undersigned attorney of record, pursuant to the provisions of 37 C.F.R. §§ 1.33 and 1.34, and M.P.E.P. § 402.02, hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, California 92614, telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected herewith.

Done on this 30 day of January, 2004, at Rockville, Maryland.

UNITED STATES DEPARTMENT OF HEALTH  
AND HUMAN SERVICES

By: 

Printed Name: MICHAEL SAMILOVICH

Registration No.: 45,634

for:  
Office of Technology Transfer  
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**DHHS CASE NO. E-203-1999/1**

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